Titration rap

Come and join the titration song,  
Acid and base, weak and strong.

You will need buret and beaker,  
One is strong, the other weaker,

Or then again both the same,  
Many ways to play this game,

Above the titrant wants to drop,  
but the stopcock makes it stop,

Now put in the indicator,  
It will change color later,

The beaker below patiently waits,  
while slow poke titrant just titrates,

HCL with NaOH,  
What will be the end pH?

An equilibrium made in heaven,  
The end point pH is 7,

That’s strong base and acid strong,  
We’re also half way through this song.

Next a strong base in the beaker,  
In the buret acid weaker.

Now we see the colour change,  
Low and behold, something strange.

The pH is now above the line,  
It even goes as high as nine,

Put in the beaker a strong acid,  
In the buret a base that’s flaccid,

It does seem things are out of joint,  
We’ve now lowered the endpoint,

When weak vs. strong,  
Let me hear you say,  
we’ll follow the rules of Le Chatelier’s,

The very best things about titrations:  
The opportunity for calculations,

When the pH graph does a double dip  
The titration is polyprotic,